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JUN 23 2008

CASE NO.: 50T55610.01
Serial No.: 10/666,724
June 23, 2008
Page 2PATENT
Filed: September 19, 2003

1. (currently amended) A system, comprising:

a source of multimedia data; and

a displayer of multimedia data mounted in a room in which the source is disposed, the source wirelessly transmitting the multimedia data in an uncompressed form to the displayer on a primary link at approximately sixty GigaHertz (60GHz), wherein the primary link has a data rate of at least two Giga bits per second (2.0 Gbps) and the primary link has a bandwidth of approximately 2.5GHz.
2. (original) The system of Claim 1, wherein the displayer is a projector.
3. (canceled).
4. (original) The system of Claim 1, wherein the primary link is a full duplex link.
5. (currently amended) The system of Claim 1, wherein at least one of: encryption keys, displayer control signals, and capability signals, are multiplexed with the multimedia data on the primary link.
6. (currently amended) The system of Claim 1, wherein the displayer and source further communicate at least one of: encryption keys, displayer control signals, and capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

1168 98.AMD

CASE NO.: 50T55610.01

Serial No.: 10/666,724

June 23, 2008

Page 3

PATENT

Filed: September 19, 2003

7. (currently amended) The system of Claim 1, wherein control signals are sent between the source and displayer, at least some control signals being useful for establishing at least one of: a source transmission power level, and a source antenna beam control.

8. (original) The system of Claim 1, wherein the data is high definition (HD) multimedia data.

9. (currently amended) A method for transmitting multimedia data, comprising:
disposing a multimedia transmitter and a multimedia receiver in a room;
establishing a wireless link between the transmitter and receiver; and
wirelessly transmitting a multimedia signal on the link from the transmitter to the receiver at a frequency sufficiently high that the signal substantially cannot be received outside the room, wherein the link is a full duplex link.

10. (original) The method of Claim 9, wherein the multimedia signal carries uncompressed high definition multimedia data.

11. (original) The method of Claim 9, wherein the frequency is approximately sixty GigaHertz (60GHz).

12. (original) The method of Claim 11, wherein the link has a data rate of at least two Giga bits per second (2.0 Gbps).

1168-99.AMD

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JUN 23 2008

PATENT

Filed: September 19, 2003

CASE NO.: 50T55610.01

Serial No.: 10/666,724

June 23, 2008

Page 4

13. (canceled).

14. (currently amended) The method of Claim 9, wherein at least one of: encryption keys, player control signals, and capability signals, are multiplexed with multimedia data on the link.

15. (currently amended) The method of Claim 9, at least one of: encryption keys, player control signals, and capability signals, are communicated between the transmitter and receiver on a secondary link.

16. (currently amended) The method of Claim 9, wherein control signals are sent between the transmitter and receiver, at least some control signals being useful for establishing at least one of: a transmission power level, and a transmitter antenna beam control.

17. (currently amended) A computer comprising:

- means for storing multimedia data; and
- means for wirelessly transmitting, to a receiver, the multimedia data in uncompressed form on a link having [[at]] a frequency of approximately sixty GigaHertz (60GHz) such that unless the receiver is in the same room as the computer it substantially cannot receive the multimedia data, wherein at least one of: encryption keys, capability signals, are multiplexed with the multimedia data on the link.

1168-98.AMD

CASE NO.: 50T55610.01

Serial No.: 10/666,724

June 23, 2008

Page 5

PATENT

Filed: September 19, 2003

18. (original) The computer of Claim 17, wherein the multimedia data is transmitted from the computer to the receiver on a primary link.

19. (original) The computer of Claim 18, wherein the primary link is a full duplex link.

20, 21. (canceled).

22. (currently amended) The computer of Claim 17, wherein control signals are sent between the computer and receiver, at least some control signals being useful for establishing at least one of: a multimedia player transmission power level, and a multimedia player antenna beam control.

23. (original) The multimedia player of Claim 17, wherein the multimedia data is high definition (HD) multimedia data.

24. (currently amended) A multimedia player comprising:
means for storing multimedia data; and
means for wirelessly receiving, from a transmitter, the multimedia data in uncompressed form on a primary link at a frequency of approximately sixty GigaHertz (60GHz), and a data rate of approximately two and a two tenths Giga bits per second (2.2 Gbps), such that unless the transmitter is in the same room as the multimedia player the multimedia player substantially cannot receive the multimedia data, wherein the multimedia player and transmitter further communicate at least one of:

1168-96.AMD

CASE NO.: 50155610.01

Serial No.: 10/666,724

June 23, 2008

Page 6

PATENT

Filed: September 19, 2003

encryption keys, player control signals, capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

25. (canceled).

26. (currently amended) The multimedia player of Claim 2[[5]]4, wherein the primary link is a full duplex link.

27, 28. (canceled).

29. (currently amended) The multimedia player of Claim 24, wherein control signals are sent between the multimedia player and transmitter, at least some control signals being useful for establishing at least one of: a transmission power level, and an antenna beam control.

30. (original) The multimedia player of Claim 24, wherein the multimedia data is high definition (HD) multimedia data.

31. (currently amended) A system, comprising:
a source of multimedia data; and
a display for the multimedia data, the source wirelessly transmitting the multimedia data in an uncompressed form to the display on a primary link at approximately sixty GigaHertz (60GHz),

1168-98.AMD

CASE NO.: 50T55610.01
Serial No.: 10/666,724
June 23, 2008
Page 7

PATENT
Filed: September 19, 2003

wherein control signals are sent between the source and display, at least some control signals being useful for establishing at least one of: a source transmission power level, a source antenna beam control.

32. (original) The system of Claim 31, wherein the source of multimedia data is a set-top box like device capable of decoding compressed multimedia content as received from at least one of: satellite, cable, terrestrial broadcast, internet streaming.

33. (currently amended) The system of Claim 31, wherein the display is selected from the group consisting of cathode ray tubes (CRT), liquid crystal displays (LCD), plasma display panels (PDP), and TFTs.

34. (original) The system of Claim 31, wherein the primary link has a data rate of approximately two and a half gigabytes per second (2.5 Gbps).

35. (original) The system of Claim 31, wherein the primary link is a full duplex link.

36. (currently amended) The system of Claim 31, wherein at least one of: encryption keys, player control signals, and capability signals, are multiplexed with the multimedia data on the primary link.

1108-AM10

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JUN 23 2008

CASE NO.: 50T55610.01
Serial No.: 10/666,724
June 23, 2008
Page 8

PATENT
Filed: September 19, 2003

37. (currently amended) The system of Claim 31, wherein the player and source further communicate at least one of: encryption keys, player control signals, and capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

38. (canceled).

39. (original) The system of Claim 31, wherein the data is high definition (HD) multimedia data.

1168-98.AMD